

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2017 Levee Inspection Results

Reclamation District No. 0341 Sherman Island

| | Spring (March - May) | Summer ** (June - August) | Fall (September - November) | Winter ** (December - February) |
|----------------------------------|-------------------------|------------------------------|--------------------------------|------------------------------------|
| † Overall LMA Rating (Fall Only) | | | | |

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

| |
|--|
| |
| |
| |
| |
| |
| |
| |
| |

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Reclamation District No. 0341 Sherman Island

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 01 Threemile Slough | | | Right | 3.36 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 4/7/2017 - 4/7/2017 | | | |
| DWR Inspector | Herman Phillips | | | |
| Accompanied By | Joel Mc Elroy RD 341 | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--------------------------------------|----------------------------------|--------------|------------------------|------------|-----|
| LM Start | | Rating ** | A | Issue No. | 13 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Operations & Maintenance Manuals | | | | |
| DWR ID | DWR_RD0341_01_f_2014_13 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| District has the O+M Manual on hand. | | | | | |

No Photos

| | | | | | |
|---|--------------------------------|--------------|------------------------|------------|-----|
| LM Start | | Rating ** | A | Issue No. | 14 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Emergency Supplies & Equipment | | | | |
| DWR ID | DWR_RD0341_01_f_2014_14 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| District has emergency supplies stored. | | | | | |

No Photos

| | | | | | |
|---|-------------------------------|--------------|------------------------|------------|-----|
| LM Start | | Rating ** | A | Issue No. | 15 |
| LM End | | Issue Type + | Ma | Location * | N/A |
| Category | Earthen Levee | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | Flood Preparedness & Training | | | | |
| DWR ID | DWR_RD0341_01_f_2014_15 | | | | |
| Comment Code | | | | | |
| Inspector Comment | | | | | |
| District is prepared for a flood fight. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--|---------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 20 |
| LM End | 0.03 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.085555 ° | 38.085918 ° |
| | | | | -121.686438 ° | -121.686690 ° |
| DWR ID | DWR_RD0341_01_f _ 2016_20 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Control the regrowth on the waterside.. | | | | | |

Photo 1 of 1 : SP_2017_RD0341_167_20_20170510_00047.jpg



RD 341 Looking downstream from crown roadway levee mile 0.00.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 21 |
| LM End | 3.36 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.085500 ° | 38.105240 ° |
| | | | | -121.686442 ° | -121.702595 ° |
| DWR ID | DWR_RD0341_01_s_2017_21 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove the wild growth other than native grasses from the levee slope. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 27 |
| LM End | 3.36 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.085500 ° | 38.105240 ° |
| | | | | -121.686442 ° | -121.702595 ° |
| DWR ID | DWR_RD0341_01_s_2017_27 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove the wild growth other than native from the levee slope. | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|----------|-----------------------------|--------------|------------------------|--------------|-----------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 28 |
| LM End | 0.00 | Issue Type + | Ma | Location * | LS |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP LMA Responsibility | | 38.085507° | 38.085507° | |
| | | | -121.686528° | -121.686528° | |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:22063
DS_ID:24215
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, 11.1 feet below the crown. CM cutoff wall around pipe at center of levee. Siphon breaker on both sides. Pump on landward side approximately 300 feet from landward toe. Pipe exposed on both levee slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.0). Marine Station number 1 located on waterward side with attached small solar panel on top.
FS Date: 5/5/2009

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 28 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | LS |

Photo 1 of 3 : UCIP_SP_2017_22063_37640.jpg



Marine station posts in river identified as Station 1 near crossing.

Photo 2 of 3 : UCIP_SP_2017_22063_37644.jpg



View of pipe and siphon breaker located on waterward side--dense vegetation on slope.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--|-----------------------------|--------------|----|------------------------|---------------|
| LM Start | 0.00 | Rating ** | M | Issue No. | 28 (cont) |
| LM End | 0.00 | Issue Type + | Ma | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP LMA Responsibility | | | 38.085507 ° | 38.085507 ° |
| | | | | -121.686528 ° | -121.686528 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22063 DS_ID:24215 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 30-inch steel drainage pipe through the levee, 11.1 feet below the crown. CM cutoff wall around pipe at center of levee. Siphon breaker on both sides. Pump on landward side approximately 300 feet from landward toe. Pipe exposed on both levee slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.0). Marine Station number 1 located on waterward side with attached small solar panel on top. FS Date: 5/5/2009 | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22063_37642.jpg



Overview of landward slope above ground once it exits levee. Pump is located approximately 300 feet from levee toe.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.48 | Rating ** | M | Issue No. | 29 |
| LM End | 0.48 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.092464 ° | 38.092464 ° |
| | | | | -121.686962 ° | -121.686962 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22064 DS_ID:24110 EP_NO: 6297 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Markers Missing. No markers found to confirm crossing is still in use--need to contact owner to determine status of crossing. FIELD_STRUCT_DESC: 3-inch electrical conduit through the levee, 3.5 feet below the crown. Location marker on waterward shoulder--no marker found. Pole on landward side. Rock revetment on waterward slope. (Permit No. 6297-1969) FS Date: 5/5/2009 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_22064_37647.jpg



Underground Service Alert (USA) markings on road surface indicating line is still present.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 0.48 | Rating ** | M | Issue No. | 29 (cont) | |
| LM End | 0.48 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.092464 ° | | 38.092464 ° |
| | | | | -121.686962 ° | | -121.686962 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22064 | | | | | | |
| DS_ID:24110 | | | | | | |
| EP_NO: 6297 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Markers Missing. No markers found to confirm crossing is still in use--need to contact owner to determine status of crossing. | | | | | | |
| FIELD_STRUCT_DESC: 3-inch electrical conduit through the levee, 3.5 feet below the crown. Location marker on waterward shoulder--no marker found. Pole on landward side. Rock revetment on waterward slope. (Permit No. 6297-1969) | | | | | | |
| FS Date: 5/5/2009 | | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.48 | Rating ** | M | Issue No. | 29 (cont) |
| LM End | 0.48 | Issue Type + | En | Location * | LS |

Photo 2 of 3 : UCIP_SP_2017_22064_37646.jpg



Underground Service Alert (USA) markings on road shoulder.

Photo 3 of 3 : UCIP_SP_2017_22064_37645.jpg



Power pole located on landward side aligns with crossing.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 0.50 | Rating ** | M | Issue No. | 30 |
| LM End | 0.50 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.092754 ° | 38.092754 ° |
| | | | | -121.686878 ° | -121.686878 ° |
| DWR ID | | | | | |

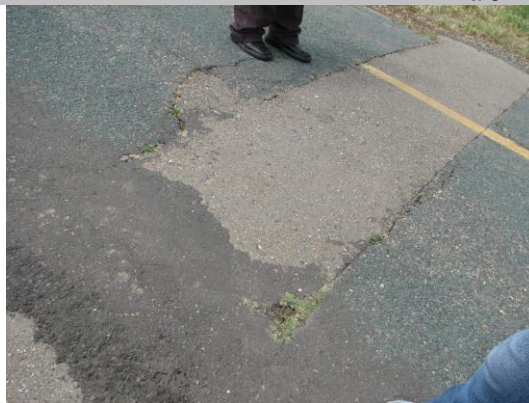
Comment Code

Inspector Comment

FS_ID:22068
DS_ID:24111
EP_NO: 1477
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, 1.8 feet below the crown. Pipe is encased in 12-inch CM condutor pipe under crown. Pump on landward side. Air vent and metal distribution box with gate on the landward side. Rock revetment on the waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.50). 30-feet of pipe under crown was replaced and encased in CM pipe under Permit No. 1477 (1950).
FS Date: 5/5/2009

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 0.50 | Rating ** | M | Issue No. | 30 (cont) |
| LM End | 0.50 | Issue Type + | En | Location * | LS |

Photo 1 of 3 : UCIP_SP_2017_22068_37654.jpg



Cut along pipe alignment--unknown repair or maintenance date.

Photo 2 of 3 : UCIP_SP_2017_22068_37658.jpg



Enter photo 9 description or comment here.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 0.50 | Rating ** | M | Issue No. | 30 (cont) | |
| LM End | 0.50 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.092754 ° | 38.092754 ° | |
| | | | | -121.686878 ° | -121.686878 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22068 DS_ID:24111 EP_NO: 1477 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slopes. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, 1.8 feet below the crown. Pipe is encased in 12-inch CM condutor pipe under crown. Pump on landward side. Air vent and metal distribution box with gate on the landward side. Rock revetment on the waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 0.50). 30-feet of pipe under crown was replaced and encased in CM pipe under Permit No. 1477 (1950). FS Date: 5/5/2009 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22068_37655.jpg



View of pipe on waterward side.

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.07 | Rating ** | M | Issue No. | 31 |
| LM End | 1.07 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.100972 ° | 38.100972 ° |
| | | | | -121.686813 ° | -121.686813 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22070 | | | | | |
| DS_ID:24113 | | | | | |
| EP_NO: 11095 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. | | | | | |
| FIELD_STRUCT_DESC: 18-inch pipe sleeved through 24-inch pipe through the levee, 4.0 feet below the crown. Air vent and monitoring well on landward side. Pipe exposed on the waterward slope. This pipe was retained under ABO No. 11095 (1975). | | | | | |
| FS Date: 5/5/2009 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_22070_37664.jpg



View of pipe located on waterward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|-----|
| LM Start | 1.07 | Rating ** | M | Issue No. | 31 (cont) | |
| LM End | 1.07 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.100972 ° | 38.100972 ° | |
| | | | | -121.686813 ° | -121.686813 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22070 DS_ID:24113 EP_NO: 11095 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 18-inch pipe sleeved through 24-inch pipe through the levee, 4.0 feet below the crown. Air vent and monitoring well on landward side. Pipe exposed on the waterward slope. This pipe was retained under ABO No. 11095 (1975). FS Date: 5/5/2009 | | | | | | |

Photo 2 of 3 : UCIP_SP_2017_22070_37663.jpg



View of landward side--visible standup pipe on slope.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.07 | Rating ** | M | Issue No. | 31 (cont) |
| LM End | 1.07 | Issue Type + | En | Location * | LS |

Photo 3 of 3 : UCIP_SP_2017_22070_37662.jpg



Gate located past the fence area near landward toe.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.44 | Rating ** | M | Issue No. | 32 |
| LM End | 1.44 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.106183 ° | 38.106183 ° |
| | | | | -121.685541 ° | -121.685541 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22074 DS_ID:24115 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine if crossing is still active and to determine last inspection date. Will need copy of letter showing crossings passed inspection. NEED photo of emergency contact information from marker. FIELD_STRUCT_DESC: 10-inch steel gas line through the levee. Valve in concrete box on the landward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.42). FS Date: 5/5/2009 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_22074_37675.jpg



Concrete box located on landward side.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.44 | Rating ** | M | Issue No. | 32 (cont) |
| LM End | 1.44 | Issue Type + | En | Location * | LS |

Photo 2 of 3 : UCIP_SP_2017_22074_37672.jpg



Inside view of vault located on the landward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.44 | Rating ** | M | Issue No. | 32 (cont) |
| LM End | 1.44 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.106183 ° | 38.106183 ° |
| | | | | -121.685541 ° | -121.685541 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22074 DS_ID:24115 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine if crossing is still active and to determine last inspection date. Will need copy of letter showing crossings passed inspection. NEED photo of emergency contact information from marker. FIELD_STRUCT_DESC: 10-inch steel gas line through the levee. Valve in concrete box on the landward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.42). FS Date: 5/5/2009 | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22074_37674.jpg



View of pipe inside concrete box located on landward side.

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.45 | Rating ** | M | Issue No. | 33 |
| LM End | 1.45 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.106323 ° | 38.106323 ° |
| | | | | -121.685493 ° | -121.685493 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22076 DS_ID:24217 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unknown detail of the size of crossing. Need to contact owner to determine if crossing is still active and to determine last inspection date. Will need copy of letter showing crossings passed inspection. NEED photo of emergency contact information from marker. FIELD_STRUCT_DESC: Gas line through the levee. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.44). FS Date: 5/5/2009 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_22076_37680.jpg



Concrete box located on landward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.45 | Rating ** | M | Issue No. | 33 (cont) |
| LM End | 1.45 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.106323 ° | 38.106323 ° |
| | | | | -121.685493 ° | -121.685493 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22076 DS_ID:24217 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unknown detail of the size of crossing. Need to contact owner to determine if crossing is still active and to determine last inspection date. Will need copy of letter showing crossings passed inspection. NEED photo of emergency contact information from marker. FIELD_STRUCT_DESC: Gas line through the levee. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 1.44). FS Date: 5/5/2009 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.45 | Rating ** | M | Issue No. | 33 (cont) |
| LM End | 1.45 | Issue Type + | En | Location * | LS |

Photo 2 of 3 : UCIP_SP_2017_22076_37677.jpg



Inside view of vault located on the landward side.

Photo 3 of 3 : UCIP_SP_2017_22076_37679.jpg



View of pipe inside concrete box located on landward side.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 1.96 | Rating ** | M | Issue No. | 34 |
| LM End | 1.96 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.113641 ° | 38.113641 ° |
| | | | | -121.684112 ° | -121.684112 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22086 DS_ID:24116 EP_NO: 11103 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to determine if crossing is the same as permitted under permit no. 11103. Need to contact owner and determine status of crossing under permit no. 11103. Believe steel conduit is exposed on landward side. FIELD_STRUCT_DESC: 1.5-inch iron water pipe and 3.5-inch electrical steel conduit through the levee, both 3.0 feet below the crown. Pressure system and service pole on landward slope. Fishing resort on waterward side. This pipe was retained under ABO No. 11103 (1975). FS Date: 5/5/2009 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 1.96 | Rating ** | M | Issue No. | 34 (cont) |
| LM End | 1.96 | Issue Type + | En | Location * | LS |

Photo 1 of 3 : UCIP_SP_2017_22086_37706.jpg



View of waterward side.

Photo 2 of 3 : UCIP_SP_2017_22086_37704.jpg



Power connection on waterward side no other appurtenances found.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|-----|
| LM Start | 1.96 | Rating ** | M | Issue No. | 34 (cont) | |
| LM End | 1.96 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.113641 ° | 38.113641 ° | |
| | | | | -121.684112 ° | -121.684112 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22086 DS_ID:24116 EP_NO: 11103 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Unable to determine if crossing is the same as permitted under permit no. 11103. Need to contact owner and determine status of crossing under permit no. 11103. Believe steel conduit is exposed on landward side. FIELD_STRUCT_DESC: 1.5-inch iron water pipe and 3.5-inch electrical steel conduit through the levee, both 3.0 feet below the crown. Pressure system and service pole on landward slope. Fishing resort on waterward side. This pipe was retained under ABO No. 11103 (1975). FS Date: 5/5/2009 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22086_37703.jpg



View of landward side.

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.00 | Rating ** | M | Issue No. | 35 |
| LM End | 2.00 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.114092 ° | 38.114092 ° |
| | | | | -121.684524 ° | -121.684524 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22091 DS_ID:24117 EP_NO: 5427 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to find pipe or sump pump. Indicators found on landward side include potential septic tank and observation well. Need to contact owner of crossing to determine status of crossing. FIELD_STRUCT_DESC: 1 of 2: 4-inch diameter pipe sleeved through 6-inch pipe through the levee, 3.7 feet below the crown. Sump pump on waterward slope. Septic tank and observation well on the landward side. (Permit No. 5427-1966) FS Date: 5/5/2009 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_22091_37712.jpg



View of potential observation well on landward side.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.00 | Rating ** | M | Issue No. | 35 (cont) |
| LM End | 2.00 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.114092 ° | 38.114092 ° |
| | | | | -121.684524 ° | -121.684524 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22091 DS_ID:24117 EP_NO: 5427 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to find pipe or sump pump. Indicators found on landward side include potential septic tank and observation well. Need to contact owner of crossing to determine status of crossing. FIELD_STRUCT_DESC: 1 of 2: 4-inch diameter pipe sleeved through 6-inch pipe through the levee, 3.7 feet below the crown. Sump pump on waterward slope. Septic tank and observation well on the landward side. (Permit No. 5427-1966) FS Date: 5/5/2009 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 2.00 | Rating ** | M | Issue No. | 35 (cont) |
| LM End | 2.00 | Issue Type + | En | Location * | LS |

Photo 2 of 3 : UCIP_SP_2017_22091_37711.jpg



Stand pipe (potential observation well) and concrete pad located on landward side.

Photo 3 of 3 : UCIP_SP_2017_22091_37710.jpg



View of waterward side.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.00 | Rating ** | M | Issue No. | 36 |
| LM End | 2.00 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.114092 ° | 38.114092 ° |
| | | | | -121.684524 ° | -121.684524 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22093 | | | | | |
| DS_ID:24237 | | | | | |
| EP_NO: 5427 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Indicator Found | | | | | |
| UCIP Comments: Signs of electrical connection boxes. Unable to determine if these boxes are associated to crossing. Need to contact owner to determine status of crossing. | | | | | |
| FIELD_STRUCT_DESC: 2 of 2: Five 1 to 1.5-inch pipes through the levee, 3.7 feet below the crown. Pump on waterward slope. Septic tank and observation well on the landward side. (Permit No. 5427-1966) | | | | | |
| FS Date: 5/5/2009 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 2.00 | Rating ** | M | Issue No. | 36 (cont) |
| LM End | 2.00 | Issue Type + | En | Location * | LS |

Photo 1 of 2 : UCIP_SP_2017_22093_37717.jpg



Electrical conduit and box located on left corner of picture.

Photo 2 of 2 : UCIP_SP_2017_22093_37716.jpg



Electrical connection visible next to concrete pad--right corner.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.05 | Rating ** | M | Issue No. | 37 |
| LM End | 2.05 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.114043 ° | 38.114043 ° |
| | | | | -121.685421 ° | -121.685421 ° |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:22094
DS_ID:24119
EP_NO: 960
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Need to contact owner to determine last inspection and status of crossing.
FIELD_STRUCT_DESC: 1 of 2: 10-inch gas line through the levee, 2.0 feet below the crown. Cutoff wall around pipes at center of levee. Valve pit on landward shoulder, with 2-inch drain pipe along landward slope. Contact information for PG&E 800-811-4111. Location marker on waterward slope. (Permit No. 960-1944) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.04). Pipe video inspected by PG&E under Permit No. 15319 (1990).
FS Date: 5/5/2009

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 2.05 | Rating ** | M | Issue No. | 37 (cont) |
| LM End | 2.05 | Issue Type + | En | Location * | LS |

Photo 1 of 2 : UCIP_SP_2017_22094_37719.jpg



Pipeline marker located on waterward shoulder.

Photo 2 of 2 : UCIP_SP_2017_22094_37718.jpg



Landward markers visible near levee toe.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.05 | Rating ** | M | Issue No. | 38 |
| LM End | 2.05 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.114043 ° | 38.114043 ° |
| | | | | -121.685421 ° | -121.685421 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22098 DS_ID:24242 EP_NO: 960 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine last inspection and status of crossing. FIELD_STRUCT_DESC: 2 of 2: 10-inch gas line through the levee, 2.0 feet below the crown. Cutoff wall around pipes at center of levee. Valve pit on landward shoulder, with 2-inch drain pipe along landward slope. Location marker on waterward slope. (Permit No. 960-1944) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.04). Pipe video inspected by PG&E under Permit No. 15319 (1990). FS Date: 5/5/2009 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 2.05 | Rating ** | M | Issue No. | 38 (cont) |
| LM End | 2.05 | Issue Type + | En | Location * | LS |

Photo 1 of 2 : UCIP_SP_2017_22098_37724.jpg



Warning marker visible on waterward shoulder.

Photo 2 of 2 : UCIP_SP_2017_22098_37723.jpg



Markers also visible on landward side near levee toe.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.11 | Rating ** | M | Issue No. | 39 |
| LM End | 2.11 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.113753 ° | 38.113753 ° |
| | | | | -121.686298 ° | -121.686298 ° |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:39860
DS_ID:24756
EP_NO: 17251
Repair Type: Non-Urgent
Crossing Status: Indicator Found
UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition.
FIELD_STRUCT_DESC: 24-inch steel natural gas pipeline through the levee 125-feet below the crown (Permit No. 17251, 2002).
FS Date: 3/4/2014

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 2.11 | Rating ** | M | Issue No. | 39 (cont) |
| LM End | 2.11 | Issue Type + | En | Location * | LS |

Photo 1 of 2 : UCIP_SP_2017_39860_71847.jpg



View of sign located on waterward side.

Photo 2 of 2 : UCIP_SP_2017_39860_71846.jpg



Markers visible on landward toe.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.35 | Rating ** | M | Issue No. | 40 |
| LM End | 2.35 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.111444 ° | 38.111444 ° |
| | | | | -121.689785 ° | -121.689785 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22106 DS_ID:24120 EP_NO: 11102 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 10-inch pipe sleeved through 12-inch pipe through the levee, 4.6 feet below the crown. Annular gap grouted. Siphon breaker at landward shoulder. Pump on landward side. Irrigation canal with distribution box at landward toe. Rock revetment on waterward slope. This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.33). This pipe was retained under ABO No. 11102 (1975). FS Date: 5/5/2009 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 2.35 | Rating ** | M | Issue No. | 40 (cont) |
| LM End | 2.35 | Issue Type + | En | Location * | LS |

Photo 1 of 3 : UCIP_SP_2017_22106_37734.jpg



View of pipe on waterward side.

Photo 2 of 3 : UCIP_SP_2017_22106_37733.jpg



Riser and gate visible on waterward side--dense vegetation limits inspection.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.35 | Rating ** | M | Issue No. | 40 (cont) |
| LM End | 2.35 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.111444 ° | 38.111444 ° |
| | | | | -121.689785 ° | -121.689785 ° |
| DWR ID | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22106_37732.jpg



Siphon breaker located on landward slope.

Comment Code

Inspector Comment

FS_ID:22106
 DS_ID:24120
 EP_NO: 11102
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
 FIELD_STRUCT_DESC: 10-inch pipe sleeved through 12-inch pipe through the levee, 4.6 feet below the crown. Annular gap grouted. Siphon breaker at landward shoulder. Pump on landward side. Irrigation canal with distribution box at landward toe. Rock revetment on waterward slope. This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.33). This pipe was retained under ABO No. 11102 (1975).
 FS Date: 5/5/2009

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 2.95 | Rating ** | M | Issue No. | 41 |
| LM End | 2.95 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.104206 ° | 38.104206 ° |
| | | | | -121.695367 ° | -121.695367 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22112 DS_ID:24121 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe side does not match found 10 inch instead of 8 inch. Pipe (1 of 2) was supposed to be removed and replaced with 12-inch steel irrigation pipes under Permit No. 5629 (1966). Historical Levee Logs from 1992 do not reflect that the replacement was completed, verify diameter of pipes and status with applicant. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 2: 10-inch (not 8-inch as originally noted in records) steel irrigation pipe through the levee, 1.4 feet below the crown. Siphon breaker on landward side. Irrigation ditch with distribution box at landward toe. Pipe exposed on both slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93). FS Date: 5/5/2009 | | | | | |

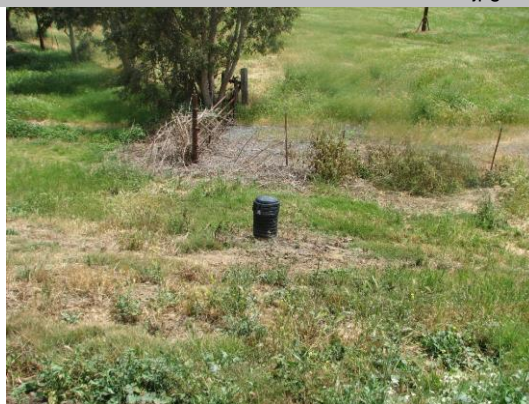
| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 2.95 | Rating ** | M | Issue No. | 41 (cont) |
| LM End | 2.95 | Issue Type + | En | Location * | LS |

Photo 1 of 3 : UCIP_SP_2017_22112_37750.jpg



View of pipe and rip rap located on waterward side.

Photo 2 of 3 : UCIP_SP_2017_22112_37748.jpg



Stand pipe located near levee toe on landward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 2.95 | Rating ** | M | Issue No. | 41 (cont) | |
| LM End | 2.95 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.104206 ° | | 38.104206 ° |
| | | | | -121.695367 ° | | -121.695367 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22112 DS_ID:24121 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe side does not match found 10 inch instead of 8 inch. Pipe (1 of 2) was supposed to be removed and replaced with 12-inch steel irrigation pipes under Permit No. 5629 (1966). Historical Levee Logs from 1992 do not reflect that the replacement was completed, verify diameter of pipes and status with applicant. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 2: 10-inch (not 8-inch as originally noted in records) steel irrigation pipe through the levee, 1.4 feet below the crown. Siphon breaker on landward side. Irrigation ditch with distribution box at landward toe. Pipe exposed on both slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93). FS Date: 5/5/2009 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22112_37747.jpg



Small stand pipe located on waterward side--unknown purpose of stand pipe.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

Levee Inspection Report By Mile - Spring 2017

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 2.95 | Rating ** | M | Issue No. | 42 (cont) |
| LM End | 2.95 | Issue Type + | En | Location * | LS |

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 2.95 | Rating ** | M | Issue No. | 42 (cont) | |
| LM End | 2.95 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.104206 ° | | 38.104206 ° |
| | | | | -121.695367 ° | | -121.695367 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22116 DS_ID:24238 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe side does not match--found 10 inch instead of 8 inch. Pipe (2 of 2) was supposed to be removed and replaced with 12-inch steel irrigation pipes under Permit No. 5629 (1966). Historical Levee Logs from 1992 do not reflect that the replacement was completed, verify diameter of pipes and status with applicant. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 2: 10-inch (not 8-inch as originally mentioned in desk study) steel irrigation pipe through the levee, 1.6 feet below the crown. Siphon breaker on landward side. Irrigation ditch with distribution box at landward toe. Pipe exposed on both slopes. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 2.93). FS Date: 5/5/2009 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22116_37756.jpg



Stand pipe located near levee toe on landward side.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 3.33 | Rating ** | M | Issue No. | 43 |
| LM End | 3.33 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.105183 ° | 38.105183 ° |
| | | | | -121.702026 ° | -121.702026 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22183 DS_ID:24245 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: New crossing found in field--need to find owner and determine permit authorizing work. FIELD_STRUCT_DESC: 10-inch corrugated metal pipe extruding from the waterward slope. FS Date: 5/5/2009 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_22183_37780.jpg



View of waterward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|-------|------------|--------------------------|-----------------|
| Unit No. 01 Threemile Slough | Right | 3.36 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 3.33 | Rating ** | M | Issue No. | 43 (cont) | |
| LM End | 3.33 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.105183 ° | | 38.105183 ° |
| | | | | -121.702026 ° | | -121.702026 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22183 DS_ID:24245 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: New crossing found in field--need to find owner and determine permit authorizing work. FIELD_STRUCT_DESC: 10-inch corrugated metal pipe extruding from the waterward slope. FS Date: 5/5/2009 | | | | | | |

Photo 2 of 3 : UCIP_SP_2017_22183_37783.jpg



Pipe on waterward side.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 3.33 | Rating ** | M | Issue No. | 43 (cont) |
| LM End | 3.33 | Issue Type + | En | Location * | LS |

Photo 3 of 3 : UCIP_SP_2017_22183_37781.jpg



View of corrugated metal pipe on waterward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Reclamation District No. 0341 Sherman Island

| Waterway | | | Bank | Unit Miles |
|--|-------------------------|---------------------------|--------------------------------|---------------------------------|
| Unit No. 02 Sacramento River | | | Left | 6.28 |
| | Spring (March - May) | Summer (June - August) | (September - November) Fall | Winter (December - February) |
| Unit Maintenance Rating (Fall Only) | | | | |
| Date of Inspection | 4/7/2017 - 4/7/2017 | | | |
| DWR Inspector | Herman Phillips | | | |
| Accompanied By | Joel Mc Elroy RD 341 | | | |

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.36 | Rating ** | M | Issue No. | 36 |
| LM End | 3.94 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.105315 ° | 38.098158 ° |
| | | | | -121.702537 ° | -121.706320 ° |
| DWR ID | DWR_RD0341_02_s_2017_36 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove the tall weed growth from the landside levee slope and shoulder. | | | | | |

Photo 1 of 1 : SP_2017_RD0341_168_36_20170510_00082.jpg



RD 341 Unit 2 standing at levee mile 3.36 landside shoulder, tall weeds present on shoulder and slope.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.36 | Rating ** | M | Issue No. | 40 |
| LM End | 3.94 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.105315 ° | 38.098158 ° |
| | | | | -121.702537 ° | -121.706320 ° |
| DWR ID | DWR_RD0341_02_s_2017_40 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove the wild growth from the waterside slope. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.45 | Rating ** | M | Issue No. | 37 |
| LM End | 3.45 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.104785 ° | 38.104785 ° |
| | | | | -121.704013 ° | -121.704013 ° |
| DWR ID | DWR_RD0341_02_f_2016_37 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Remove the dead fallen tree from the landside slope. | | | | | |

Photo 1 of 1 : SP_2017_RD0341_168_37_20170404_00005.jpg



RD 341 landside levee mile 3.45.

| | | | | | | | |
|---|--|---|--|---|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|---|--|---|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.52 | Rating ** | M | Issue No. | 38 |
| LM End | 3.52 | Issue Type + | En | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.104020 ° | 38.104020 ° |
| | | | | -121.704680 ° | -121.704680 ° |
| DWR ID | DWR_RD0341_02_f_2016_38 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Remove the dead fallen tree on the waterside slope. | | | | | |

Photo 1 of 1 : SP_2017_RD0341_168_38_20170404_00006.jpg



RD 341 Waterside slope looking downstream levee mile 3.52.

| | | | | | |
|---|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.52 | Rating ** | M | Issue No. | 39 |
| LM End | 3.52 | Issue Type + | En | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Encroachments | | | 38.104020 ° | 38.104020 ° |
| | | | | -121.704680 ° | -121.704680 ° |
| DWR ID | DWR_RD0341_02_f_2016_39 | | | | |
| Comment Code | | | | | |
| TR : Tree or limb | | | | | |
| Inspector Comment | | | | | |
| Remove the fallen dead tree from the landside levee slope. This tree has not been removed as of the last inspection 4-7-2017. | | | | | |

Photo 1 of 1 : SP_2017_RD0341_168_39_20170404_00007.jpg



RD 341 Looking downstream from levee mile 3.52 landside slope. No change 4-7-2017.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 3.94 | Rating ** | U | Issue No. | 41 |
| LM End | 6.14 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.098158 ° | 38.080223 ° |
| | | | | -121.706320 ° | -121.730312 ° |
| DWR ID | DWR_RD0341_02_s_2017_41 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove the unwanted vegetation from the waterside shoulder and slope. | | | | | |

Photo 1 of 1 : SP_2017_RD0341_168_41_20170510_00083.jpg



Looking downstream from levee mile 3.94 at tall unwanted weeds and other vegetation on the waterside shoulder and slope.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.04 | Rating ** | M | Issue No. | 56 |
| LM End | 4.04 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.096783 ° | 38.096783 ° |
| | | | | -121.706173 ° | -121.706173 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22203 DS_ID:24135 EP_NO: 11110 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine status of crossing--need to contact owner. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 10-inch pipe sleeved through 12-inch pipe through the levee, 3.8 feet below the crown. Pump on concrete well on landward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.03). 10-inch pipe was retained under ABO No. 11110 (1975). FS Date: 5/6/2009 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_22203_37833.jpg



Limited access to waterward side--pipe visible through brush.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 4.04 | Rating ** | M | Issue No. | 56 (cont) |
| LM End | 4.04 | Issue Type + | En | Location * | WS |

Photo 2 of 3 : UCIP_SP_2017_22203_37832.jpg



View of landward shoulder and low spots on highway.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.31 | Rating ** | M | Issue No. | 57 |
| LM End | 4.31 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.092900 ° | 38.092900 ° |
| | | | | -121.706070 ° | -121.706070 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22223 DS_ID:24122 EP_NO: 11106 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe through the levee, 4.0 feet below the crown. Pump on pile structure in stream. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 4.29). 12-inch pipe was retained under ABO No. 11106 (1975). FS Date: 5/6/2009 | | | | | |

Photo 1 of 1 : UCIP_SP_2017_22223_37840.jpg



View of waterward side--pipe and pump visible.

| | | | | | |
|--|----------------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.47 | Rating ** | U | Issue No. | 3 |
| LM End | 4.62 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2015 USACE Erosion Survey, DRAFT | | | 38.090620 ° | 38.088572 ° |
| | | | | -121.706684 ° | -121.707127 ° |
| DWR ID | DWR_RD0341_02_s_2016_3 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 1999 - New small slump in eroded bank. 2005 - Reach extended because of vertical bank along the roadway upstream. 2011 - More slumping since last year. 2012 - Site upgraded to critical. Very steep slope which may be effecting the highway on top of the levee. 2015: New erosion towards downstream end of site. [2015 Site ID: SAC_8-0_L] | | | | | |

Photo 1 of 1 : SP_2017_RD0341_168_3_20170404_00002.jpg



USACE 2013 Photo #1

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--|----------------------------------|--------------|----|------------------------|---------------|
| LM Start | 4.76 | Rating ** | U | Issue No. | 4 |
| LM End | 4.85 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2015 USACE Erosion Survey, DRAFT | | | 38.086603 ° | 38.085459 ° |
| | | | | -121.707786 ° | -121.708607 ° |
| DWR ID | DWR_RD0341_02_s_2016_4 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 2011 - Large slump section. 2012 - Site extended downstream, upgraded to critical, severe windwave. Slope is very steep and may be effecting the highway on top of the levee. 2015: No observed changes. [2015 Site ID: SAC_7-9_L] | | | | | |

Photo 1 of 1 : SP_2017_RD0341_168_4_20170404_00003.jpg



USACE 2013 Photo #1

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.79 | Rating ** | M | Issue No. | 58 |
| LM End | 4.79 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.086119 ° | 38.086119 ° |
| | | | | -121.707912 ° | -121.707912 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22186 DS_ID:24123 EP_NO: 4855 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2-inch steel irrigation pipe through the levee, 3.0 feet below the crown. Valve and pump on landward side. Rock revetment on waterward slope. (Permit No. 4855-1965) FS Date: 5/6/2009 | | | | | |

Photo 1 of 2 : UCIP_SP_2017_22186_37787.jpg



View of crossing on waterward side--dense vegetation on slopes.

| | | | | | |
|---|--|--|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|--|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 4.79 | Rating ** | M | Issue No. | 58 (cont) | |
| LM End | 4.79 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.086119 ° | | 38.086119 ° |
| | | | | -121.707912 ° | | -121.707912 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22186 DS_ID:24123 EP_NO: 4855 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2-inch steel irrigation pipe through the levee, 3.0 feet below the crown. Valve and pump on landward side. Rock revetment on waterward slope. (Permit No. 4855-1965) FS Date: 5/6/2009 | | | | | | |

Photo 2 of 2 : UCIP_SP_2017_22186_37786.jpg



View of waterward toe.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.96 | Rating ** | U | Issue No. | 59 |
| LM End | 4.96 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.084182 ° | 38.084182 ° |
| | | | | -121.709650 ° | -121.709650 ° |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:50009
DS_ID:24124
EP_NO: 1806
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 7/6/2016 Meet with Joel McElroy, District Representative, at site. Difficult to access pipe from WS due to high traffic on levee crown and large debris scattered on WS toe. According to Joel McElroy, crossing is still present. Unable to access crossing from WS toe. Access should be made via boat. Assume crossing has gotten worse from last site visit. Need to find owner and coordinate with CVFPB to remove pipe. Mr. McElroy mentioned that Caltrans will be working on the Pavement Rehabilitation Project on State Route 160 and this crossing might be addressed by them. Project Manager for Pavement Rehabilitation Project is Kidianga Tshiunza, Caltrans District 3, 530-741-4178. (DWR UCIP - omagana)5/6/2009 Crossing has failed. Large holes present on waterward side. Need to contact owner. Crossing needs to be addressed. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 12-inch pipe sleeved through 14-inch pipe through the levee, 6.8 feet below the crown. Hand primer pump in pumphouse on landside (LS) slope. Pipe exposed on both slopes (only visible on WS-2009). (Permit No. 1806, 1959 - C. E. Upham, Jr.).
[Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit No. 101, February 1962, HLM 5.02].
FS Date: 7/6/2016

Photo 1 of 2 : UCIP_SP_2017_50009_37842.jpg



View of crossing on waterward side. Dense vegetation limits inspection of crossing.

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
| N/A : Not Applicable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 4.96 | Rating ** | U | Issue No. | 59 (cont) |
| LM End | 4.96 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.084182 ° | 38.084182 ° |
| | | | | -121.709650 ° | -121.709650 ° |
| DWR ID | | | | | |

| Comment Code |
|--------------|
|--------------|

| |
|--|
| |
|--|

| Inspector Comment |
|-------------------|
|-------------------|

FS_ID:50009
DS_ID:24124
EP_NO: 1806
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 7/6/2016 Meet with Joel McElroy, District Representative, at site. Difficult to access pipe from WS due to high traffic on levee crown and large debris scattered on WS toe. According to Joel McElroy, crossing is still present. Unable to access crossing from WS toe. Access should be made via boat. Assume crossing has gotten worse from last site visit. Need to find owner and coordinate with CVFPB to remove pipe. Mr. McElroy mentioned that Caltrans will be working on the Pavement Rehabilitation Project on State Route 160 and this crossing might be addressed by them. Project Manager for Pavement Rehabilitation Project is Kidianga Tshiunza, Caltrans District 3, 530-741-4178. (DWR UCIP - omagana)5/6/2009 Crossing has failed. Large holes present on waterward side. Need to contact owner. Crossing needs to be addressed. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. (DWR UCIP - omagana)
FIELD_STRUCT_DESC: 12-inch pipe sleeved through 14-inch pipe through the levee, 6.8 feet below the crown. Hand primer pump in pumphouse on landside (LS) slope. Pipe exposed on both slopes (only visible on WS-2009). (Permit No. 1806, 1959 - C. E. Upham, Jr.). [Additional Reference(s): DWR Levee Log, 1992. USACE Sacramento O&M Manual Unit No. 101, February 1962, HLM 5.02].
FS Date: 7/6/2016

Photo 2 of 2 : UCIP_SP_2017_50009_37841.jpg



Holes present on waterward side.

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side WS : Water Side CR : Crown | A : Acceptable M : Minimally Acceptable U : Unacceptable | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
| N/A : Not Applicable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|------------------------|---------------|-----------|
| LM Start | 5.02 | Rating ** | M | Issue No. | 60 |
| LM End | 5.02 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP Field Study | | 38.083633 ° | 38.083633 ° | |
| | | | -121.710532 ° | -121.710532 ° | |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:39868 DS_ID:24125 EP_NO: 2301 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to verify status of crossing. Permit authorized 24 inch pipe. Unable to find stand pipe in field. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 3: 20-inch steel irrigation pipe through the levee, 8.1 feet below the crown. Cutoff wall under the waterward slope. Siphon breaker on waterward slope. Gate valves on waterward side of pipe. Standpipe at landward toe. (Permit No. 2301-1959) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.02). Pipe cutoff at shoulders and abandoned (grout filled) through levee under Permit No. 15175 (1993). FS Date: 5/6/2009 | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|------------------------|---------------|-----------|
| LM Start | 5.02 | Rating ** | M | Issue No. | 61 |
| LM End | 5.02 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP Field Study | | 38.083633 ° | 38.083633 ° | |
| | | | -121.710532 ° | -121.710532 ° | |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:39866 DS_ID:24235 EP_NO: 2301 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to verify status of crossing. Permit authorized 24 inch pipe. Unable to find stand pipe in field. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: *ABANDONED* 2 of 3: 20-inch steel irrigation pipe through the levee, 8.1 feet below the crown. Cutoff wall under the waterward slope. Siphon breaker on waterward slope. Gate valves on waterward side of pipe. Standpipe at landward toe. (Permit No. 2301-1959) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.02). Pipe cutoff at shoulders and abandoned (grout filled) through levee under Permit No. 15175 (1993). New pipe installed. FS Date: 5/6/2009 | | | | | |

No Photos

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.02 | Rating ** | M | Issue No. | 62 |
| LM End | 5.02 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.083633 ° | 38.083633 ° |
| | | | | -121.710532 ° | -121.710532 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:39867 | | | | | |
| DS_ID:24236 | | | | | |
| EP_NO: 2301 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Not Found | | | | | |
| UCIP Comments: Need to verify status of crossing. Permit authorized 24 inch pipe. Unable to find stand pipe in field. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. | | | | | |
| FIELD_STRUCT_DESC: 3 of 3: 20-inch steel irrigation pipe through the levee, 8.1 feet below the crown. Cutoff wall under the waterward slope. Siphon breaker on waterward slope. Gate valves on waterward side of pipe. Standpipe at landward toe. (Permit No. 2301-1959). | | | | | |
| FS Date: 5/6/2009 | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.03 | Rating ** | M | Issue No. | 50 |
| LM End | 5.49 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.083532 ° | 38.081268 ° |
| | | | | -121.710668 ° | -121.718675 ° |
| DWR ID | DWR_RD0341_02_f_2016_50 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove the wild unwanted growth from the levee slope levee mile 5.03-5.49. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

Levee Inspection Report By Mile - Spring 2017

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|----------|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.05 | Rating ** | M | Issue No. | 63 |
| LM End | 5.05 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.083143 ° | 38.083143 ° |
| | | | | -121.710914 ° | -121.710914 ° |
| DWR ID | | | | | |

Comment Code

[illegible]

| Inspector Comment | |
|-------------------|--|
| | |

FS_ID:22253
DS_ID:24195
EP_NO: 15175
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
FIELD_STRUCT_DESC: 1 of 4: 24-inch steel irrigation pipe in 30-inch steel casings through the levee, 6.6 feet below the crown. Annular gap grouted. Siphon breakers at waterward shoulder, with concrete risers on both ends. Screened inlet manifold (36-inch) with backwash system on pile structure in stream. Surrounded by fence with entry gate. Irrigation pond at landward toe. (Permit No. 15175-1993). Structure in stream installed under Permit No. 16737 (2000).
FS Date: 5/6/2009

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 5.05 | Rating ** | M | Issue No. | 63 (cont) |
| LM End | 5.05 | Issue Type + | En | Location * | LS |

View of waterward side - 3-20 inch pipes.

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 5.05 | Rating ** | M | Issue No. | 63 (cont) | |
| LM End | 5.05 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.083143 ° | 38.083143 ° | |
| | | | | -121.710914 ° | -121.710914 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22253 | | | | | | |
| DS_ID:24195 | | | | | | |
| EP_NO: 15175 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. | | | | | | |
| FIELD_STRUCT_DESC: 1 of 4: 24-inch steel irrigaiton pipe in 30-inch steel casings through the levee, 6.6 feet below the crown. Annular gap grouted. Siphon breakers at waterward shoulder, with concrete risers on both ends. Screened inlet manifold (36-inch) with backwash system on pile structure in stream. Surrounded by fence with entry gate. Irrigation pond at landward toe. (Permit No. 15175-1993). Structure in stream installed under Permit No. 16737 (2000). | | | | | | |
| FS Date: 5/6/2009 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22253_37881.jpg



Gates located on waterward side.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 5.05 | Rating ** | M | Issue No. | 64 (cont) | |
| LM End | 5.05 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.083137 ° | 38.083137 ° | |
| | | | | -121.710916 ° | -121.710916 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22254 | | | | | | |
| DS_ID:24239 | | | | | | |
| EP_NO: 15175 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. | | | | | | |
| FIELD_STRUCT_DESC: 2 of 4: 24-inch steel irrigaiton pipe in 30-inch steel casings through the levee, 6.6 feet below the crown. Annular gap grouted. Siphon breakers at waterward shoulder, with concrete risers on both ends. Screened inlet manifold (36-inch) with backwash system on pile structure in stream. Surrounded by fence with entry gate. Irrigation pond at landward toe. (Permit No. 15175-1993). Structure in stream installed under Permit No. 16737 (2000). | | | | | | |
| FS Date: 5/6/2009 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22254_37897.jpg



Gates located on waterward side.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

Levee Inspection Report By Mile - Spring 2017

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 5.06 | Rating ** | M | Issue No. | 65 (cont) |
| LM End | 5.06 | Issue Type + | En | Location * | LS |

A photograph showing two construction workers in safety vests and hard hats standing on a metal walkway. They are looking at a set of plans. Below them, a large white pipe is being installed, supported by wooden pilings. The background is filled with lush green trees.

| * Location | ** Rating | + Issue Type |
|---|---|--|
| LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 5.06 | Rating ** | M | Issue No. | 65 (cont) | |
| LM End | 5.06 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.083133 ° | | 38.083133 ° |
| | | | | -121.710922 ° | | -121.710922 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22255 DS_ID:24240 EP_NO: 15175 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 3 of 4: 24-inch steel irrigaiton pipe in 30-inch steel casings through the levee, 6.6 feet below the crown. Annular gap grouted. Siphon breakers at waterward shoulder, with concrete risers on both ends. Screened inlet manifold (36-inch) with backwash system on pile structure in stream. Surrounded by fence with entry gate. Irrigation pond at landward toe. (Permit No. 15175-1993). Structure in stream installed under Permit No. 16737 (2000). FS Date: 5/6/2009 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22255_37908.jpg



Gates located on waterward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|------------------------|---------------|-----------|
| LM Start | 5.06 | Rating ** | M | Issue No. | 66 |
| LM End | 5.06 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP Field Study | | 38.083177 ° | 38.083177 ° | |
| | | | -121.711001 ° | -121.711001 ° | |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:41538 DS_ID:24241 EP_NO: 15175 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to find electrical conduit however, the pump structure is present. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 4 of 4: 4-inch electric conduit through the levee, 2.0 feet below the crown. Screened inlet manifold (36-inch) with backwash system on pile structure in stream. Surrounded by fence with entry gate. Irrigation pond at landward toe. (Permit No. 16737-2000) FS Date: 5/6/2009 | | | | | |

No Photos

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.39 | Rating ** | M | Issue No. | 67 |
| LM End | 5.39 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.081790 ° | 38.081790 ° |
| | | | | -121.716868 ° | -121.716868 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22256 DS_ID:24127 EP_NO: 11116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 16-inch pipe sleeved through 18-inch pipe through the levee, 2.5 feet below the crown. Annular gap grouted. Air vent on waterward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.40). This pipe was retained under ABO No. 11116 (1975). Annular gap grouted and pipe lengthened under Permit No. 15372 (1993). FS Date: 5/6/2009 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_22256_37915.jpg



Overview of levee crown at crossing.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 5.39 | Rating ** | M | Issue No. | 67 (cont) |
| LM End | 5.39 | Issue Type + | En | Location * | LS |

Photo 2 of 3 : UCIP_SP_2017_22256_37914.jpg



View of pipe through brush on waterward side.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 5.39 | Rating ** | M | Issue No. | 67 (cont) | |
| LM End | 5.39 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.081790 ° | 38.081790 ° | |
| | | | | -121.716868 ° | -121.716868 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22256 DS_ID:24127 EP_NO: 11116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to coordinate with owner to determine status of crossing. If crossing is no longer in use owner will need to contact the CVFPB to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 16-inch pipe sleeved through 18-inch pipe through the levee, 2.5 feet below the crown. Annular gap grouted. Air vent on waterward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.40). This pipe was retained under ABO No. 11116 (1975). Annular gap grouted and pipe lengthened under Permit No. 15372 (1993). FS Date: 5/6/2009 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22256_37917.jpg



Pipe on waterward side at daylight.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 5.55 | Rating ** | M | Issue No. | 11 |
| LM End | 5.76 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Trim / Thin Trees | | | 38.081270 ° | 38.080807 ° |
| | | | | -121.719702 ° | -121.723488 ° |
| DWR ID | DWR_RD0341_02_f_2014_11 | | | | |
| Comment Code | | | | | |
| T2 : Thin trees to allow visibility of the ground and room to flood fight. | | | | | |
| Inspector Comment | | | | | |
| Trim up the trees on the waterside slope so the ground can be seen. | | | | | |

No Photos

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 5.87 | Rating ** | M | Issue No. | 68 |
| LM End | 5.87 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.080381 ° | 38.080381 ° |
| | | | | -121.725534 ° | -121.725534 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22258 DS_ID:24074 EP_NO: 11116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 2: 8-inch pipe sleeved through 10-inch pipe through levee, 2.5 feet below the crown. Annular gap grouted. Concrete distribution box with slide gate at landward toe. Air vent on waterward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.81). This pipe was retained under ABO No. 11116 (1975). Distributon box installed and pipe along landward slope removed and replaced with longer 10-inch steel pipe under Permit No. 15372 (1993). FS Date: 5/6/2009 | | | | | |

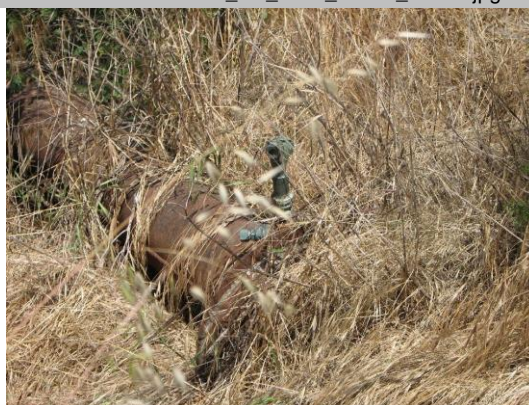
Photo 1 of 3 : UCIP_SP_2017_22258_37932.jpg



8-inch pipe and 14-inch pipe on waterward side.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 5.87 | Rating ** | M | Issue No. | 68 (cont) |
| LM End | 5.87 | Issue Type + | En | Location * | WS |

Photo 2 of 3 : UCIP_SP_2017_22258_37930.jpg



Air vent located on waterward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 5.87 | Rating ** | M | Issue No. | 68 (cont) | |
| LM End | 5.87 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.080381 ° | | 38.080381 ° |
| | | | | -121.725534 ° | | -121.725534 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22258 DS_ID:24074 EP_NO: 11116 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 1 of 2: 8-inch pipe sleeved through 10-inch pipe through levee, 2.5 feet below the crown. Annular gap grouted. Concrete distribution box with slide gate at landward toe. Air vent on waterward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.81). This pipe was retained under ABO No. 11116 (1975). Distributon box installed and pipe along landward slope removed and replaced with longer 10-inch steel pipe under Permit No. 15372 (1993). FS Date: 5/6/2009 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22258_37931.jpg



View of landward side.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|----------|----------------------|--------------|------------------------|---------------|-----------|
| LM Start | 5.87 | Rating ** | M | Issue No. | 69 |
| LM End | 5.87 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP Field Study | | 38.080381 ° | 38.080381 ° | |
| | | | -121.725534 ° | -121.725534 ° | |
| DWR ID | | | | | |

Comment Code

Inspector Comment

FS_ID:22259
DS_ID:24075
EP_NO: 1806
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
FIELD_STRUCT_DESC: 2 of 2: 14-inch steel irrigation pipe through the levee, 3.0 feet below the crown. Concrete distribution box with gate valve at landward toe. Air vent on waterward side. (Permit No. 1806-1959) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.81). Distributon box installed and pipe along landward slope removed and replaced with longer 16-inch steel pipe under Permit No. 15372 (1993).
FS Date: 5/6/2009

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 5.87 | Rating ** | M | Issue No. | 69 (cont) |
| LM End | 5.87 | Issue Type + | En | Location * | WS |

Photo 1 of 3 : UCIP_SP_2017_22259_37935.jpg



View of pipes on waterward side.

Photo 2 of 3 : UCIP_SP_2017_22259_37936.jpg



Air vent located on waterward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 5.87 | Rating ** | M | Issue No. | 69 (cont) | |
| LM End | 5.87 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.080381 ° | 38.080381 ° | |
| | | | | -121.725534 ° | -121.725534 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22259 | | | | | | |
| DS_ID:24075 | | | | | | |
| EP_NO: 1806 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. | | | | | | |
| FIELD_STRUCT_DESC: 2 of 2: 14-inch steel irrigation pipe through the levee, 3.0 feet below the crown. Concrete distribution box with gate valve at landward toe. Air vent on waterward side. (Permit No. 1806-1959) This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 5.81). Distributon box installed and pipe along landward slope removed and replaced with longer 16-inch steel pipe under Permit No. 15372 (1993). | | | | | | |
| FS Date: 5/6/2009 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22259_37934.jpg



Gate located at the toe of the levee on landward side.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.03 | Rating ** | U | Issue No. | 49 |
| LM End | 6.10 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.080143 ° | 38.080125 ° |
| | | | | -121.728332 ° | -121.729662 ° |
| DWR ID | DWR_RD0341_02_f_2016_49 | | | | |
| Comment Code | | | | | |
| V2 : Remove the wild growth other than native grasses from the levee slopes. | | | | | |
| Inspector Comment | | | | | |
| Remove the bamboo from the landside levee slope. | | | | | |

Photo 1 of 1 : SP_2017_RD0341_168_49_20170516_00084.jpg



RD 341 Landside slope from levee mile 6.03-6.10 tall unwanted growth of Arundo present on the levee section.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.03 | Rating ** | U | Issue No. | 1 |
| LM End | 6.16 | Issue Type + | Ma | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | 2015 USACE Erosion Survey, DRAFT | | | 38.080370 ° | 38.080526 ° |
| | | | | -121.728341 ° | -121.730483 ° |
| DWR ID | DWR_RD0341_02_s_2016_1 | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| 2011 - Large slump at downstream end. Gully formed from surface runoff from the road. Shallow slumping throughout site. 2012 - The gully at upstream end has increased in size and site continues to worsen. 2015: No observed changes. [2015 Site ID: SAC_7-3_L] | | | | | |

Photo 1 of 1 : SP_2017_RD0341_168_1_20170404_00001.jpg



USACE 2013 Photo #1

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.14 | Rating ** | M | Issue No. | 55 |
| LM End | 7.97 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.080227 ° | 38.073547 ° |
| | | | | -121.730395 ° | -121.758683 ° |
| DWR ID | DWR_RD0341_02_s_2017_55 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Control the annual grasses and weeds from the slope and toe. | | | | | |

No Photos

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 6.17 | Rating ** | M | Issue No. | 51 |
| LM End | 8.15 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.080503 ° | 38.072427 ° |
| | | | | -121.730745 ° | -121.761690 ° |
| DWR ID | DWR_RD0341_02_s_2017_51 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Spray or mow the waterside levee slope of unwanted vegetation. | | | | | |

No Photos

| | | | | | |
|-----------------|----------------------|--------------------------|---|-----------------------------------|--|
| * Location | | ** Rating | | + Issue Type | |
| LS : Land Side | N/A : Not Applicable | A : Acceptable | N : Not Inspected/Rated | Ma : Maintenance Deficiency | |
| WS : Water Side | | M : Minimally Acceptable | C : Corrected | Ob : Design & System Obsolescence | |
| CR : Crown | | U : Unacceptable | A/W : Acceptable but Monitor & Maintain | En : Enforcement | |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|----------|----------------------|--------------|------------------------|---------------|-----------|
| LM Start | 6.20 | Rating ** | M | Issue No. | 70 |
| LM End | 6.20 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | GPS Latitude/Longitude | | |
| | | | Start | End | |
| Item | DWR UCIP Field Study | | 38.080591 ° | 38.080591 ° | |
| | | | -121.731249 ° | -121.731249 ° | |

| | |
|--------|--|
| DWR ID | |
|--------|--|

| | |
|--------------|--|
| Comment Code | |
|--------------|--|

| | |
|-------------------|--|
| Inspector Comment | |
|-------------------|--|

FS_ID:39861
DS_ID:24076
EP_NO: 11116
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer used will need to meet Title 23 requirements. Hole present in pipe section. Debris on waterward side-- 10-inch pipe section abandoned on slope. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
FIELD_STRUCT_DESC: 12-inch pipe sleeved through 14-inch pipe through levee, 4.0 feet below crown. Annular gap grouted. Slide gate in distribution box on landward side. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.12). This pipe was retained under ABO No. 11116 (1975). Distributon box installed and pipe along landward slope removed and replaced with longer 16-inch steel pipe under Permit No. 15372 (1993).
FS Date: 5/6/2009

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 6.20 | Rating ** | M | Issue No. | 70 (cont) |
| LM End | 6.20 | Issue Type + | En | Location * | WS |

Photo 1 of 3 : UCIP_SP_2017_39861_71853.jpg



View of structure located on waterward side.

Photo 2 of 3 : UCIP_SP_2017_39861_71852.jpg



Marker visible on waterward side associated with crossing.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

Reclamation District No. 0341 Sherman Island

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 6.53 | Rating ** | M | Issue No. | 71 (cont) | |
| LM End | 6.53 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.082718 ° | 38.082718 ° | |
| | | | | -121.736635 ° | -121.736635 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22261 | | | | | | |
| DS_ID:24078 | | | | | | |
| EP_NO: 11116 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. | | | | | | |
| FIELD_STRUCT_DESC: 12-inch pipe through the levee, 2.0 feet below the crown. Siphon breaker on landward slope. Rock revetment on waterward slope. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 6.31). This pipe was retained under ABO No. 11116 (1975). | | | | | | |
| FS Date: 5/6/2009 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22261_37948.jpg



View of crossing on landward slope.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 6.63 | Rating ** | M | Issue No. | 72 |
| LM End | 6.63 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.083549 ° | 38.083549 ° |
| | | | | -121.738161 ° | -121.738161 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22262 DS_ID:24079 EP_NO: 11107 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer in used owner will need to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 4-inch pipe through the levee, 4.0 feet below the crown. This pipe was retained under ABO No. 11107 (1975). FS Date: 5/6/2009 | | | | | |

Photo 1 of 2 : UCIP_SP_2017_22262_37953.jpg



View of landward side no evidence of crossing.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 6.63 | Rating ** | M | Issue No. | 72 (cont) | |
| LM End | 6.63 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.083549 ° | 38.083549 ° | |
| | | | | -121.738161 ° | -121.738161 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22262 DS_ID:24079 EP_NO: 11107 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer in used owner will need to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 4-inch pipe through the levee, 4.0 feet below the crown. This pipe was retained under ABO No. 11107 (1975). FS Date: 5/6/2009 | | | | | | |

Photo 2 of 2 : UCIP_SP_2017_22262_37952.jpg



View of waterward side air vent pipe could be associated with crossing.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 7.11 | Rating ** | M | Issue No. | 73 |
| LM End | 7.11 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.080277 ° | 38.080277 ° |
| | | | | -121.745407 ° | -121.745407 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22263 DS_ID:24081 EP_NO: 892 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 1 of 2: 12.75-inch steel gas line through the levee, 2.0 feet below the crown. Concrete cutoff wall around pipes at center of levee. Location marker on waterward slope. Concrete control box and valve pit on landward slope. (Permit No. 892-1942) Utility marker contact information includes Contact prior to Excavation call 1-800-227-2600 or Emergency Contact 1-800-811-4111. FS Date: 5/6/2009 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_22263_37962.jpg



View of landward side. Concrete box and markers indicating gas pipeline. Additional marker located at levee toe.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 7.11 | Rating ** | M | Issue No. | 73 (cont) | |
| LM End | 7.11 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.080277 ° | | 38.080277 ° |
| | | | | -121.745407 ° | | -121.745407 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22263 | | | | | | |
| DS_ID:24081 | | | | | | |
| EP_NO: 892 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. | | | | | | |
| FIELD_STRUCT_DESC: 1 of 2: 12.75-inch steel gas line through the levee, 2.0 feet below the crown. Concrete cutoff wall around pipes at center of levee. Location marker on waterward slope. Concrete control box and valve pit on landward slope. (Permit No. 892-1942) Utility marker contact information includes Contact prior to Excavation call 1-800-227-2600 or Emergency Contact 1-800-811-4111. | | | | | | |
| FS Date: 5/6/2009 | | | | | | |

Photo 2 of 3 : UCIP_SP_2017_22263_37961.jpg



Unable to confirm number of pipes.

| | | | | | |
|----------|------|--------------|----|------------|-----------|
| LM Start | 7.11 | Rating ** | M | Issue No. | 73 (cont) |
| LM End | 7.11 | Issue Type + | En | Location * | LS |

Photo 3 of 3 : UCIP_SP_2017_22263_37960.jpg



Marker damaged on waterward side.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 7.11 | Rating ** | M | Issue No. | 74 |
| LM End | 7.11 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.080277 ° | 38.080277 ° |
| | | | | -121.745407 ° | -121.745407 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22264 DS_ID:24234 EP_NO: 892 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 2 of 2: 12.75-inch steel gas line through the levee, 2.0 feet below the crown. Concrete cutoff wall around pipes at center of levee. Location marker on waterward slope. Concrete control box and valve pit on landward slope. (Permit No. 892-1942) Utility marker contact information includes Contact prior to Excavation call 1-800-227-2600 or Emergency Contact 1-800-811-4111. FS Date: 5/6/2009 | | | | | |

| | | | | | |
|----------|------|--------------|----|------------|-----------|
| LM Start | 7.11 | Rating ** | M | Issue No. | 74 (cont) |
| LM End | 7.11 | Issue Type + | En | Location * | LS |

Photo 1 of 3 : UCIP_SP_2017_22264_37965.jpg



Concrete box and marker located on near landward shoulder. Additional marker located at the levee toe.

Photo 2 of 3 : UCIP_SP_2017_22264_37964.jpg



Unable to confirm the number of pipe through section of levee.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 7.11 | Rating ** | M | Issue No. | 74 (cont) | |
| LM End | 7.11 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.080277 ° | | 38.080277 ° |
| | | | | -121.745407 ° | | -121.745407 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22264 | | | | | | |
| DS_ID:24234 | | | | | | |
| EP_NO: 892 | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. | | | | | | |
| FIELD_STRUCT_DESC: 2 of 2: 12.75-inch steel gas line through the levee, 2.0 feet below the crown. Concrete cutoff wall around pipes at center of levee. Location marker on waterward slope. Concrete control box and valve pit on landward slope. (Permit No. 892-1942) Utility marker contact information includes Contact prior to Excavation call 1-800-227-2600 or Emergency Contact 1-800-811-4111. | | | | | | |
| FS Date: 5/6/2009 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22264_37963.jpg



Damaged marker located on waterward side.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 7.11 | Rating ** | M | Issue No. | 75 |
| LM End | 7.11 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.080277 ° | 38.080277 ° |
| | | | | -121.745407 ° | -121.745407 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22267 DS_ID:24193 EP_NO: 15777 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. Multiple crossings in general area need to clarify which pipes are in this levee section. FIELD_STRUCT_DESC: 42-inch steel gas pipeline throught the levee, approximately 30.0 feet below the crown. (Permit No. 15777-1993) Utility marker contact information includes Contact prior to Excavation call 1-800-227-2600 or Emergency Contact 1-800-811-4111. FS Date: 5/6/2009 | | | | | |

Photo 1 of 2 : UCIP_SP_2017_22267_37978.jpg



Marker located on landward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 7.11 | Rating ** | M | Issue No. | 75 (cont) |
| LM End | 7.11 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.080277 ° | 38.080277 ° |
| | | | | -121.745407 ° | -121.745407 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22267 | | | | | |
| DS_ID:24193 | | | | | |
| EP_NO: 15777 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Indicator Found | | | | | |
| UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. Multiple crossings in general area need to clarify which pipes are in this levee section. | | | | | |
| FIELD_STRUCT_DESC: 42-inch steel gas pipeline throught the levee, approximately 30.0 feet below the crown. (Permit No. 15777-1993) | | | | | |
| Utility marker contact information includes Contact prior to Excavation call 1-800-227-2600 or Emergency Contact 1-800-811-4111. | | | | | |
| FS Date: 5/6/2009 | | | | | |

Photo 2 of 2 : UCIP_SP_2017_22267_37977.jpg



Marker located on waterward side.

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 7.17 | Rating ** | M | Issue No. | 76 |
| LM End | 7.17 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.079803 ° | 38.079803 ° |
| | | | | -121.746345 ° | -121.746345 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22268 DS_ID:24218 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. Multiple crossings in general area need to clarify which pipes are in this levee section. FIELD_STRUCT_DESC: Gas line crossing through the levee. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 7.08). Utility marker contact information includes Contact prior to Excavation call 1-800-227-2600 or Emergency Contact 1-800-743-5000. FS Date: 5/6/2009 | | | | | |

Photo 1 of 2 : UCIP_SP_2017_22268_37980.jpg



Utility marker located on landward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 7.17 | Rating ** | M | Issue No. | 76 (cont) | |
| LM End | 7.17 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.079803 ° | | 38.079803 ° |
| | | | | -121.746345 ° | | -121.746345 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22268 DS_ID:24218 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. Multiple crossings in general area need to clarify which pipes are in this levee section. FIELD_STRUCT_DESC: Gas line crossing through the levee. (USACE-1962). This entry matches the Drainage or Irrigation Structure referenced in O&M manual (HLM 7.08). Utility marker contact information includes Contact prior to Excavation call 1-800-227-2600 or Emergency Contact 1-800-743-5000. FS Date: 5/6/2009 | | | | | | |

Photo 2 of 2 : UCIP_SP_2017_22268_37979.jpg



Utility marker located on waterward side.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 7.62 | Rating ** | M | Issue No. | 77 |
| LM End | 7.62 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.076229 ° | 38.076229 ° |
| | | | | -121.753363 ° | -121.753363 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22293 DS_ID:24128 EP_NO: 1915 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Will need to contact owner. Need to obtain maintenance records and clarify modifications made at to crossing (size). Also important to note that DWR DOE was out in the field during our pipe inspection they were conducting pipe evaluation for pipe replacement. Need to contact DWR DOE to determine location of pipe replacement. FIELD_STRUCT_DESC: 18-inch (not 12-inch as noted in historical records) steel irrigation pipe through the levee, 3.0 feet below the crown. Concrete pipe riser on landward side. (Permit No. 1352-1948) Siphon breaker on landward side installed under Permit No. 1915 (1954). Pipe removed and replaced by 12-inch steel pipe under Permit No. 10799 (1977). FS Date: 5/6/2009 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 7.62 | Rating ** | M | Issue No. | 77 (cont) |
| LM End | 7.62 | Issue Type + | En | Location * | LS |

Photo 1 of 3 : UCIP_SP_2017_22293_38041.jpg



Overview of waterward side-18-inch pipe located on right side and 12-inch pipe located on left side.

Photo 2 of 3 : UCIP_SP_2017_22293_38040.jpg



View of crossing located on waterward side.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 7.62 | Rating ** | M | Issue No. | 77 (cont) | |
| LM End | 7.62 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.076229 ° | 38.076229 ° | |
| | | | | -121.753363 ° | -121.753363 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22293 DS_ID:24128 EP_NO: 1915 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Will need to contact owner. Need to obtain maintenance records and clarify modifications made at to crossing (size). Also important to note that DWR DOE was out in the field during our pipe inspection they were conducting pipe evaluation for pipe replacement. Need to contact DWR DOE to determine location of pipe replacement. FIELD_STRUCT_DESC: 18-inch (not 12-inch as noted in historical records) steel irrigation pipe through the levee, 3.0 feet below the crown. Concrete pipe riser on landward side. (Permit No. 1352-1948) Siphon breaker on landward side installed under Permit No. 1915 (1954). Pipe removed and replaced by 12-inch steel pipe under Permit No. 10799 (1977). FS Date: 5/6/2009 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22293_38044.jpg



Concrete headwall found on waterward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 7.62 | Rating ** | M | Issue No. | 78 |
| LM End | 7.62 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.076229 ° | 38.076229 ° |
| | | | | -121.753363 ° | -121.753363 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22294 DS_ID:24243 EP_NO: 10799 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Will need to contact owner. Need to obtain maintenance records and clarify modifications made at to crossing (size). Also important to note that DWR DOE was out in the field during our pipe inspection they were conducting pipe evaluation for pipe replacement. Need to contact DWR DOE to determine location of pipe replacement. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 5.3 feet below the crown. Steel cutoff wall around pipe at center of levee. Siphon breaker on landward shoulder. Steel (not concrete as mentioned in historical records) pipe riser on landward side. 2-inch pipe sleeve around pipe at waterward shoulder. Rock revetment on waterward slope. Pipe exposed along waterward slope. (Permit No. 10799-1977) FS Date: 5/6/2009 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 7.62 | Rating ** | M | Issue No. | 78 (cont) |
| LM End | 7.62 | Issue Type + | En | Location * | LS |

Photo 1 of 3 : UCIP_SP_2017_22294_38046.jpg



Overview of waterward side- 12-inch pipe located on left side and 18-inch pipe located on right side.

Photo 2 of 3 : UCIP_SP_2017_22294_38050.jpg



Concrete headwall located on waterward side.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 7.62 | Rating ** | M | Issue No. | 78 (cont) |
| LM End | 7.62 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.076229 ° | 38.076229 ° |
| | | | | -121.753363 ° | -121.753363 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22294 DS_ID:24243 EP_NO: 10799 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Will need to contact owner. Need to obtain maintenance records and clarify modifications made at to crossing (size). Also important to note that DWR DOE was out in the field during our pipe inspection they were conducting pipe evaluation for pipe replacement. Need to contact DWR DOE to determine location of pipe replacement. FIELD_STRUCT_DESC: 12-inch steel irrigation pipe through the levee, 5.3 feet below the crown. Steel cutoff wall around pipe at center of levee. Siphon breaker on landward shoulder. Steel (not concrete as mentioned in historical records) pipe riser on landward side. 2-inch pipe sleeve around pipe at waterward shoulder. Rock revetment on waterward slope. Pipe exposed along waterward slope. (Permit No. 10799-1977) FS Date: 5/6/2009 | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22294_38047.jpg



Steel stand pipe located on landward side near levee toe.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 8.01 | Rating ** | M | Issue No. | 79 |
| LM End | 8.01 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.073340 ° | 38.073340 ° |
| | | | | -121.759340 ° | -121.759340 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22303 | | | | | |
| DS_ID:24246 | | | | | |
| EP_NO: N/A | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Found | | | | | |
| UCIP Comments: Need to determine the status of conduit--has construction been completed? | | | | | |
| FIELD_STRUCT_DESC: Four 2.5-inch conduits sleeved through 12-inch steel pipe through the levee. Boat launching dock and ramp on the waterward side. | | | | | |
| FS Date: 5/6/2009 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_22303_38062.jpg



View of waterward side. Conduit goes through concrete structure connecting walkway.

| | | | | | | | |
|--|--|--|--|---|--|---|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|--|--|--|--|---|--|---|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|--|
| LM Start | 8.01 | Rating ** | M | Issue No. | 79 (cont) | |
| LM End | 8.01 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | End | |
| Item | DWR UCIP Field Study | | | 38.073340 ° | 38.073340 ° | |
| | | | | -121.759340 ° | -121.759340 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22303 | | | | | | |
| DS_ID:24246 | | | | | | |
| EP_NO: N/A | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: Need to determine the status of conduit--has construction been completed? | | | | | | |
| FIELD_STRUCT_DESC: Four 2.5-inch conduits sleeved through 12-inch steel pipe through the levee. Boat launching dock and ramp on the waterward side. | | | | | | |
| FS Date: 5/6/2009 | | | | | | |

Photo 2 of 3 : UCIP_SP_2017_22303_38061.jpg



Conduits exposed on waterward side.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 8.01 | Rating ** | M | Issue No. | 79 (cont) |
| LM End | 8.01 | Issue Type + | En | Location * | LS |

Photo 3 of 3 : UCIP_SP_2017_22303_38060.jpg



View of conduit on landward side. Four 2.5-inch conduits through levee not in use yet.

| | | |
|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 8.29 | Rating ** | M | Issue No. | 80 |
| LM End | 8.29 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.072083 ° | 38.072083 ° |
| | | | | -121.764216 ° | -121.764216 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22305 DS_ID:24221 EP_NO: 17728 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Need to clarify if three 2-inch steel conduits were installed. This permit appears to be associated with the dock installed at levee mile 7.91. See inspection sheet for LM 7.91. FIELD_STRUCT_DESC: Three 2-inch steel electric conduits encased in a single 6-inch steel conduit through the levee, 2.0 feet below the crown. Gaps filled with grout. Boat dock (60x8 feet) and landing on steel pilings in the channel. Metal bridge, concrete landing on pilings and foot paths on the waterward slope. Rock revetment on waterward slope. (Permit No. 17728-2004) FS Date: 5/6/2009 | | | | | |

Photo 1 of 1 : UCIP_SP_2017_22305_38064.jpg



Dock installed at levee mile 7.91.

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 8.43 | Rating ** | M | Issue No. | 81 |
| LM End | 8.43 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.070678 ° | 38.070678 ° |
| | | | | -121.766206 ° | -121.766206 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22306 | | | | | |
| DS_ID:24130 | | | | | |
| EP_NO: 3494 | | | | | |
| Repair Type: Non-Urgent | | | | | |
| Crossing Status: Indicator Found | | | | | |
| UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. | | | | | |
| FIELD_STRUCT_DESC: 1 of 2: 26-inch concrete encased steel gas line through the levee, 5.1 feet below the crown. Concrete cutoff wall around pipe at center of levee. Location sign on waterward shoulder. Rock revetment on waterward slope. (Permit No. 3494-1961) Contact number listed on marker out in the field 1-800-811-4111. | | | | | |
| FS Date: 5/6/2009 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_22306_38067.jpg



Survey marker found at this location.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|-----|
| LM Start | 8.43 | Rating ** | M | Issue No. | 81 (cont) | |
| LM End | 8.43 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.070678 ° | 38.070678 ° | |
| | | | | -121.766206 ° | -121.766206 ° | |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22306 DS_ID:24130 EP_NO: 3494 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 1 of 2: 26-inch concrete encased steel gas line through the levee, 5.1 feet below the crown. Concrete cutoff wall around pipe at center of levee. Location sign on waterward shoulder. Rock revetment on waterward slope. (Permit No. 3494-1961) Contact number listed on marker out in the field 1-800-811-4111. FS Date: 5/6/2009 | | | | | | |

Photo 2 of 3 : UCIP_SP_2017_22306_38066.jpg



Gas line markers visible on landward side.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 8.43 | Rating ** | M | Issue No. | 81 (cont) |
| LM End | 8.43 | Issue Type + | En | Location * | LS |

Photo 3 of 3 : UCIP_SP_2017_22306_38065.jpg



Gas line crossing sign located on waterward side.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

Levee Inspection Report By Mile - Spring 2017

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|--------------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 8.43 | Rating ** | M | Issue No. | 82 (cont) |
| LM End | 8.43 | Issue Type + | En | Location * | LS |

A circular metal manhole cover, likely made of cast iron, is shown. It has a raised, flange-like outer edge. In the center of the cover, the words "SUNBELT MONUMENT" are inscribed in a circular pattern, with "DO NOT DISBUR" in the middle. Around the inner edge of the flange, the words "SUNBELT MONUMENT" and "DO NOT DISBUR" are also inscribed, alternating. The cover is set into a concrete base. A small, dark, rectangular object is visible on the ground to the right of the cover.

Surve marker located at site.

Gas line markers located on landward side.

| * Location | ** Rating | + Issue Type |
|--|---|-----------------------------------|
| LS : Land Side N/A : Not Applicable | A : Acceptable N : Not Inspected/Rated | Ma : Maintenance Deficiency |
| WS : Water Side | M : Minimally Acceptable C : Corrected | Ob : Design & System Obsolescence |
| CR : Crown | U : Unacceptable A/W : Acceptable but Monitor & Maintain | En : Enforcement |

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--|----------------------|--------------|----|------------------------|---------------|
| LM Start | 8.43 | Rating ** | M | Issue No. | 82 (cont) |
| LM End | 8.43 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.070678 ° | 38.070678 ° |
| | | | | -121.766206 ° | -121.766206 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22307 DS_ID:24233 EP_NO: 3494 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. Need date of last inspection and confirmation that crossing is still in operable condition. FIELD_STRUCT_DESC: 2 of 2: 26-inch concrete encased steel gas line through the levee, 5.1 feet below the crown. Concrete cutoff wall around pipe at center of levee. Location sign on waterward shoulder. Rock revetment on waterward slope. (Permit No. 3494-1961) Contact number provided on marker out in the field 1-800-811-4111. FS Date: 5/6/2009 | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22307_38068.jpg



Gas line crossing sign located on waterward side.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 8.45 | Rating ** | M | Issue No. | 54 |
| LM End | 8.73 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.070475 ° | 38.067698 ° |
| | | | | -121.766470 ° | -121.770080 ° |
| DWR ID | DWR_RD0341_02_s_2017_54 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Control the annual grasses and weeds from the slope and toe. | | | | | |

No Photos

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 8.49 | Rating ** | U | Issue No. | 48 |
| LM End | 8.65 | Issue Type + | Ma | Location * | WS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.070060 ° | 38.068387 ° |
| | | | | -121.766982 ° | -121.768978 ° |
| DWR ID | DWR_RD0341_02_f_2016_48 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Control the growth of Bamboo from the waterside slope. | | | | | |

Photo 1 of 1 : SP_2017_RD0341_168_48_20170516_00086.jpg



RD 341 Waterside slope looking downstream from levee mile 8.49-8.65 bambo present on the slope.

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 8.52 | Rating ** | M | Issue No. | 83 |
| LM End | 8.52 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.069690 ° | 38.069690 ° |
| | | | | -121.767313 ° | -121.767313 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22309 DS_ID:24247 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: New record found in the field. Unable to find any information for crossing during DWR desk study. Will need to find the owner and obtain records for crossing. Need to coordinate with CVFPB. FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, at a shallow depth below the crown. Air vent on the waterside (WS). Distribution box with slide gate and observation well on the landside (LS). Pumping station on the LS. Remaining piles present on waterside that show evidence of existing pump station could have been used for irrigation purposes. Rip rap located on waterward side. FS Date: 5/6/2009 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_22309_38075.jpg



Concrete stand pipe and gate valve located on landward side.

| | | | | | |
|---|--|--|--|--|--|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement | |
|---|--|--|--|--|--|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 8.52 | Rating ** | M | Issue No. | 83 (cont) | |
| LM End | 8.52 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.069690 ° | | 38.069690 ° |
| | | | | -121.767313 ° | | -121.767313 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22309 | | | | | | |
| DS_ID:24247 | | | | | | |
| EP_NO: N/A | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: New record found in the field. Unable to find any information for crossing during DWR desk study. Will need to find the owner and obtain records for crossing. Need to coordinate with CVFPB. | | | | | | |
| FIELD_STRUCT_DESC: 10-inch steel pipe through the levee, at a shallow depth below the crown. Air vent on the waterside (WS). | | | | | | |
| Distribution box with slide gate and observation well on the landside (LS). Pumping station on the LS. Remaining piles present on waterside that show evidence of existing pump station could have been used for irrigation purposes. Rip rap located on waterward side. | | | | | | |
| FS Date: 5/6/2009 | | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 8.52 | Rating ** | M | Issue No. | 83 (cont) |
| LM End | 8.52 | Issue Type + | En | Location * | WS |

Photo 2 of 3 : UCIP_SP_2017_22309_38076.jpg



Overview of crossing on waterward side.

Photo 3 of 3 : UCIP_SP_2017_22309_38077.jpg



Siphon breaker visible on waterward side. Levee toe is armored with rock slope protection.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 8.69 | Rating ** | M | Issue No. | 84 |
| LM End | 8.69 | Issue Type + | En | Location * | WS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.068000 ° | 38.068000 ° |
| | | | | -121.769000 ° | -121.769000 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:50082 DS_ID:25470 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 7/6/2016 Pipe found in 2009 has been removed and new pipe installed. Unable to determine permit authorizing work. Need to coordinate with owner to obtain details regarding permit and pipe install. (DWR UCIP - omagana) FIELD_STRUCT_DESC: UNK size pipe through the levee. (unknown permit authorizing work; previous 12-inch pipe removed between 2009-2016, pipe authorized under Automatic Board Order (ABO) issued as Permit No. 11108, 1975 - D. Faria) FS Date: 7/6/2016 | | | | | |

Photo 1 of 3 : UCIP_SP_2017_50082_75941.jpg



View of WS.

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 8.69 | Rating ** | M | Issue No. | 84 (cont) |
| LM End | 8.69 | Issue Type + | En | Location * | WS |

Photo 2 of 3 : UCIP_SP_2017_50082_75942.jpg



New pipe(non-functional) metal plate installed on the WS.

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|--|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 8.69 | Rating ** | M | Issue No. | 84 (cont) | |
| LM End | 8.69 | Issue Type + | En | Location * | WS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.068000 ° | | 38.068000 ° |
| | | | | -121.769000 ° | | -121.769000 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:50082 | | | | | | |
| DS_ID:25470 | | | | | | |
| EP_NO: N/A | | | | | | |
| Repair Type: Non-Urgent | | | | | | |
| Crossing Status: Found | | | | | | |
| UCIP Comments: 7/6/2016 Pipe found in 2009 has been removed and new pipe installed. Unable to determine permit authorizing work. Need to coordinate with owner to obtain details regarding permit and pipe install. (DWR UCIP - omagana) | | | | | | |
| FIELD_STRUCT_DESC: UNK size pipe through the levee. (unknown permit authorizing work; previous 12-inch pipe removed between 2009-2016, pipe authorized under Automatic Board Order (ABO) issued as Permit No. 11108, 1975 - D. Faria) | | | | | | |
| FS Date: 7/6/2016 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_50082_75943.jpg



View of levee crown.

| | | | | | |
|--|-------------------------|--------------|----|------------------------|---------------|
| LM Start | 8.76 | Rating ** | M | Issue No. | 53 |
| LM End | 9.64 | Issue Type + | Ma | Location * | LS |
| Category | Earthen Levee | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | Vegetation | | | 38.067417 ° | 38.060985 ° |
| | | | | -121.770618 ° | -121.784422 ° |
| DWR ID | DWR_RD0341_02_s_2017_53 | | | | |
| Comment Code | | | | | |
| V1 : Control annual grass and weeds on the levee slopes and easements. | | | | | |
| Inspector Comment | | | | | |
| Control the annual grasses and weed growth from the landside slope. | | | | | |

No Photos

| | | | |
|--|--|---|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable | N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | |
|---|----------------------|--------------|----|------------------------|---------------|
| LM Start | 9.12 | Rating ** | M | Issue No. | 85 |
| LM End | 9.12 | Issue Type + | En | Location * | LS |
| Category | Supplemental | | | GPS Latitude/Longitude | |
| | | | | Start | End |
| Item | DWR UCIP Field Study | | | 38.064563 ° | 38.064563 ° |
| | | | | -121.776153 ° | -121.776153 ° |
| DWR ID | | | | | |
| Comment Code | | | | | |
| | | | | | |
| Inspector Comment | | | | | |
| FS_ID:22324 DS_ID:24133 EP_NO: 11114 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 14-inch pipe through the levee, 4.0 feet below the crown. Concrete standpipe with slide gate on landward side. Rock revetment on waterward slope. This pipe was retained under ABO No. 11114 (1975). FS Date: 5/6/2009 | | | | | |

| | | | | | |
|----------|-------------|--------------|----|------------|------------------|
| LM Start | 9.12 | Rating ** | M | Issue No. | 85 (cont) |
| LM End | 9.12 | Issue Type + | En | Location * | LS |

Photo 1 of 3 : UCIP_SP_2017_22324_38096.jpg



Overview of waterward side.

Photo 2 of 3 : UCIP_SP_2017_22324_38095.jpg



Potential subsidence in slope however difficult to determine due to dense vegetation.

| | | | | |
|--|--|---|--|---|
| * Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown | | ** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain | | + Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement |
|--|--|---|--|---|

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 0341 Sherman Island

| Waterway | Bank | Unit Miles | Inspection Start/End | Inspector |
|------------------------------|------|------------|--------------------------|-----------------|
| Unit No. 02 Sacramento River | Left | 6.28 | 04/07/2017 04/07/2017 | Herman Phillips |

| | | | | | | |
|---|----------------------|--------------|----|------------------------|-----------|---------------|
| LM Start | 9.12 | Rating ** | M | Issue No. | 85 (cont) | |
| LM End | 9.12 | Issue Type + | En | Location * | LS | |
| Category | Supplemental | | | GPS Latitude/Longitude | | |
| | | | | Start | | End |
| Item | DWR UCIP Field Study | | | 38.064563 ° | | 38.064563 ° |
| | | | | -121.776153 ° | | -121.776153 ° |
| DWR ID | | | | | | |
| Comment Code | | | | | | |
| | | | | | | |
| Inspector Comment | | | | | | |
| FS_ID:22324 DS_ID:24133 EP_NO: 11114 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 14-inch pipe through the levee, 4.0 feet below the crown. Concrete standpipe with slide gate on landward side. Rock revetment on waterward slope. This pipe was retained under ABO No. 11114 (1975). FS Date: 5/6/2009 | | | | | | |

Photo 3 of 3 : UCIP_SP_2017_22324_38094.jpg



Overview of landward side.

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement